

What is claimed is:

1. A process for making a dried modified cyclodextrin product with improved dusting and aqueous dissolution properties comprising drying an aqueous solution of modified cyclodextrin on a double-drum dryer; and

recovering a dried modified cyclodextrin product with improved dusting and aqueous dissolution properties.

2. The process of claim 1 wherein said cyclodextrin is a hydroxypropylated beta-cyclodextrin.

3. The process of claim 1 wherein said drum dryer has steam-heated drums rotated at about 1 to about 5 revolutions per minute.

4. The process of claim 3 wherein said drums are heated with steam at a pressure of about 100 psig.

5. The process of claim 1 wherein about 90% or more by weight of dried product has a particle size of less than or equal to about 200 microns, and about 50% or more by weight of said product has a particle size greater than or equal to about 20 microns.

6. The method of claim 1 wherein said aqueous solution has a solids content of greater than or equal to about 45% by weight.

7. A process for making a dried agglomerated modified cyclodextrin product comprising

drying an aqueous solution of modified cyclodextrin on a double-drum dryer; and

recovering a dried agglomerated modified cyclodextrin product having a particle distribution of about 90% or more by weight less than or equal to 200 microns and about 50% or more by weight greater than or equal to 20 microns.

8. The process of claim 1 wherein said cyclodextrin is a hydroxypropylated beta-cyclodextrin.

9. The process of claim 1 wherein said drum dryer has steam-heated drums rotated at about 1 to about 5 revolutions per minute.

10. The process of claim 3 wherein said drums are heated with steam at a pressure of about 100 psig.

11. The method of claim 1 wherein said aqueous solution has a solids content of greater than or equal to about 45% by weight.

12. A dried agglomerated modified cyclodextrin product having about 90% or more by weight of said product with a particle size of less than or equal to about 200 microns; and about 50% or more by weight of said product with a particle size of greater than or equal to about 20 microns.

13. The product of claim 12 wherein said product has a dissolution time in water of less than about 5 minutes at 75°F and 10% solids.

14. The product of claim 12 wherein said product is made by a process comprising

drying an aqueous solution of modified cyclodextrin on a drum dryer; and

recovering a dried modified cyclodextrin product having said particle sizes.

15. The product of claim 12 wherein said cyclodextrin is a beta-cyclodextrin.

16. The product of claim 14 wherein said drum dryer has steam-heated drums rotated at about 1 to about 5 revolutions per minute.

17. The product of claim 16 wherein said drums are heated with steam at a pressure of about 100 psig.

18. The product of claim 14 wherein said aqueous solution has a solids content of greater than or equal to about 45% by weight.